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EXAMINER

CORRIELUS, JEAN M

ART UNIT	PAPER NUMBER
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2172

DATE MAILED: 11/07/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/824,252

Applicant(s)

FLETCHER ET AL.

Examiner

Jean M Corrielus

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-28 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 3. 6) ☐ Other:

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DETAILED ACTION

1. This office action is in response to the restriction requirement filed on October 9, 2003, which claims 1-28 are presented for examination..

Information Disclosure Statement

2. The information disclosure statement (IS) filed on 08/03/01 (paper no.3) complies with the provisions of M.E.P.. § 609. It has been placed in the application file. The information referred to therein has been considered as to the merits. (See attached form).

Drawings

3. Applicants are required to furnish the formal drawings in response this office action. No new matter may be introduced in the required drawing. Failure to timely submit a drawing will result in **ABANDONMENT** of the application.

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Claim Rejections - 35 U.S.C. § 112

4. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

5. Claims 1-28 rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

6. Claim 1 recites the limitation "said custom files" in line 6, "said main file system" in line 7 and "said file system" in line 9. Claim 3 recites "said main file system" in line 7.

Claim 14 recites "said main file system" in line 7. Claim 15 recites "said main file system" in line 12.

Claim 16, recites "said main file system" in line 7. Claim 17 recites "said file system" in line 5, "said main file system" in line 11. Claim 24 recites "said custom file system" in line 6, "said main file system" in line 12, "said read operation" in line 22. Claim 25 recites said main file system" in line 7.

Claim 26 recites "said main file system" in line 7. Claim 27 recites "said customs file system" in line 5, "said main file system" in line 11. Claim 28 recites "said custom filesystem" in line 12 and "said main filesystem" in line 15. There are insufficient antecedent basis for this limitation in the claims.

Claim Objections

7. Claims 1-28 are objected to because of the following informalities: in claim 1 line 5, delete "and" after "said computer system;" and insert --and-- in line 7 after "said main file system".

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In claim 10 has a plurality of parentheses, however, parentheses are not permitted in the claims. Claim 14 line 3 please delete “and” after “computer system will see;” and insert “and” line 5 after “computer system will see”. In claim 15 line 9 please delete “and” after “said software application”. In claim 17 line 10 please delete “and” after “custom filesystem;”. In claim 24 please delete “and” line 11 after “custom filesystem”, line 21 after “file location”, line 25 after “spillroot directory”. In claim 27 please delete “and” line 10 after “custom filesystem”. Claim 28 line 11 please delete “and” after “said attributes;” and insert --and-- line 12 --and-- after “custom filesystem”.

Appropriate correction is required.

Claim Rejections - 35 U.S.C. § 103

8. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

9. Claims 1-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chtchetkine et al (hereinafter “Chtchetkine”) US Patent no. 6,356,915.

As to claim 1, Chtchetkine discloses “a custom hierarchical structure of files and folders, providing access to selected software applications based on a set of attributes for said computer system” (col.8, lines 19-25; col.8, lines 55-65); “a set of links between said custom files and files and

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the locations of corresponding real files in said main file system” such a filesystem has a link to the file name and the location where the file resides (col.5, lines 25-28). Chtchetkine does not disclose the use wherein “said custom file system being positioned to have priority over said main file system, in that a process manager will attempt to address requests on said custom filesystem prior to placing said requests on said main filesystem”. However, Chtchetkine recognizes that it would be difficult to reconfigure a logical driver (col.3, lines 13-15). Chtchetkine states to reconfigure such a logical driver it is important to create and install a custom file system which replaces or otherwise augments the pre-existing or native file system (col.3, lines 40-43). Chtchetkine states that such a custom file system would allow freer reconfiguration and would allow storage and display of more file information (col.3, lines 43-49). Applicant should duly note that a native file system which is a file system has a native file system driver that provides a single representation of the native file system, a method for installing a virtual file system driver in the data processing system, wherein such a virtual file system driver comprises function routines and file management structures, and a method for loading a view application wherein the view application provides a custom view of the defined part of the virtual file system and wherein the custom view includes custom attribute relates to the objects (col.6, lines 1-20). It would have been obvious to one of ordinary skill in the art of data processing, at the time the present invention was made to modify Chtchetkine’s system, wherein the file system provided therein (see Chtchetkine’s fig.2) would incorporate the use of prioritizing the custom file system in that a process manager will attempt to address requests on said custom file system prior to placing said request on said main file system, in the same conventional manner as disclosed by

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Chtchetkine's col.3, lines 13-49 and col.6, lines 1-20. One having ordinary skill in the art would have been motivated to utilize the reconfiguration of the installable file system of Chtchetkine because that would allow freer reconfiguration and allow storage and display of more file information, thereby providing flexibility in the view of objects through an operating system.

As to claim 2, Chtchetkine discloses the claimed "wherein the custom hierarchical structure is generated by determining which of said files in said main filesystem should be viewed" (col.5, lines 36-41).

As claim 3, Chtchetkine discloses the claimed "generating and storing a file of attributes for said computer system" (col.5, lines 25-28); "selecting required software applications from available software applications in accordance with said attributes" (col.5, lines 40-45); "linking said selected software applications to said custom filesystem" such a filesystem has a link to the file name and the location where the file resides (col.5, lines 25-28). Chtchetkine does not disclose the use wherein "said custom file system being positioned to have priority over said main file system, in that a process manager will attempt to address requests on said custom filesystem prior to placing said requests on said main filesystem". However, Chtchetkine recognizes that it would be difficult to reconfigure a logical driver (col.3, lines 13-15). Chtchetkine states to reconfigure such a logical driver it is important to create and install a custom file system which replaces or otherwise augments the pre-existing or native file system (col.3, lines 40-43). Chtchetkine states that such a custom file system

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would allow freer reconfiguration and would allow storage and display of more file information (col.3, lines 43-49). Applicant should duly note that a native file system which is a file system has a native file system driver that provides a single representation of the native file system, a method for installing a virtual file system driver in the data processing system, wherein such a virtual file system driver comprises function routines and file management structures, and a method for loading a view application wherein the view application provides a custom view of the defined part of the virtual file system and wherein the custom view includes custom attribute relates to the objects (col.6, lines 1-20). It would have been obvious to one of ordinary skill in the art of data processing, at the time the present invention was made to modify Chtchetkine's system, wherein the file system provided therein (see Chtchetkine's fig.2) would incorporate the use of prioritizing the custom file system in that a process manager will attempt to address requests on said custom file system prior to placing said request on said main file system, in the same conventional manner as disclosed by Chtchetkine's col.3, lines 13-49 and col.6, lines 1-20. One having ordinary skill in the art would have been motivated to utilize the reconfiguration of the installable file system of Chtchetkine because that would allow freer reconfiguration and allow storage and display of more file information, thereby providing flexibility in the view of objects through an operating system.

As to claim 4, Chtchetkine discloses the claimed "wherein said attributes for said computer system include static characteristics" (col.5, lines 25-28; col.5, lines 35-45).

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As to claim 5, Chtchetkine discloses the claimed “wherein said static characteristics include a microprocessor model and an operating system platform” (col.7, lines 30-45).

As to claim 6, Chtchetkine discloses the claimed “wherein said attributes for said computer system include dynamic characteristics”(col.5, lines 25-28; col.5, lines 35-45).

As to claim 7, Chtchetkine discloses the claimed “wherein said dynamic characteristics include preferences regarding accessible software applications and versions of said software applications” (col.8, lines 41-67).

As to claim 8, Chtchetkine discloses the claimed “querying said system regarding a desired version of said software application” (col.14, lines 30-65; col.10, lines 40-56; col.8, lines 41-60); and “adding said desired version of said software application to said custom filesystem”(col.14, lines 30-65; col.10, lines 40-56; col.8, lines 41-60).

As to claim 9, Chtchetkine discloses the claimed “wherein said dynamic characteristics include: the location of the package repositories” (col.8, lines 47-60); and “the packages to include; the root of the custom file system; and the spill directory root”(col.14, lines 62-65).

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As to claim 10, Chtchetkine discloses the claimed “a Root directory to take over”; “a directory to copy changed files to”(col.14, lines 62-65).

As to claim 11, Chtchetkine discloses the claimed “wherein said linking is symbolic linking” (col.15, lines 15-20).

As to claim 12, Chtchetkine discloses the claimed “storing an image of the current custom file system which may be re-generated, allowing roll-back” (col.17, lines 6-60).

As to claim 13, Chtchetkine discloses the claimed “responding to a request to roll-back by replacing said custom file system with said image of said custom file system” (col.17, lines 6-60).

As to claim 14, Chtchetkine discloses the claimed “determining which files a computer system will see based on system attributes”(col.5, lines 25-28); “identifying filenames representing said files said computer system will see”(col.5, lines 40-45); and “generating links between said filenames and real software locations of said files said computer system will see”filesystem”such a filesystem has a link to the file name and the location where the file resides (col.5, lines 25-28); “said identified filenames and links comprising a custom filesystem”(col.5, lines 25-28). Chtchetkine does not disclose the use wherein “said custom file system being positioned to have priority over said main file system, in that a process manager will attempt to address requests on said custom filesystem prior to placing said

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requests on said main filesystem". However, Chtchetkine recognizes that it would be difficult to reconfigure a logical driver (col.3, lines 13-15). Chtchetkine states to reconfigure such a logical driver it is important to create and install a custom file system which replaces or otherwise augments the pre-existing or native file system (col.3, lines 40-43). Chtchetkine states that such a custom file system would allow freer reconfiguration and would allow storage and display of more file information (col.3, lines 43-49). Applicant should duly note that a native file system which is a file system has a native file system driver that provides a single representation of the native file system, a method for installing a virtual file system driver in the data processing system, wherein such a virtual file system driver comprises function routines and file management structures; and a method for loading a view application wherein the view application provides a custom view of the defined part of the virtual file system and wherein the custom view includes custom attribute relates to the objects (col.6, lines 1-20). It would have been obvious to one of ordinary skill in the art of data processing, at the time the present invention was made to modify Chtchetkine's system, wherein the file system provided therein (see Chtchetkine's fig.2) would incorporate the use of prioritizing the custom file system in that a process manager will attempt to address requests on said custom file system prior to placing said request on said main file system, in the same conventional manner as disclosed by Chtchetkine's col.3, lines 13-49 and col.6, lines 1-20. One having ordinary skill in the art would have been motivated to utilize the reconfiguration of the installable file system of Chtchetkine because that would allow freer reconfiguration and allow storage and display of more file information, thereby providing flexibility in the view of objects through an operating system.

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As to claim 15, Chtchetkine substantially discloses the invention as claimed. Except, Chtchetkine does not disclose the use wherein "said custom file system being positioned to have priority over said main file system, in that a process manager will attempt to address requests on said custom filesystem prior to placing said requests on said main filesystem". However, Chtchetkine recognizes that it would be difficult to reconfigure a logical driver (col.3, lines 13-15). Chtchetkine states to reconfigure such a logical driver it is important to create and install a custom file system which replaces or otherwise augments the pre-existing or native file system (col.3, lines 40-43). Chtchetkine states that such a custom file system would allow freer reconfiguration and would allow storage and display of more file information (col.3, lines 43-49). Applicant should duly note that a native file system which is a file system has a native file system driver that provides a single representation of the native file system, a method for installing a virtual file system driver in the data processing system, wherein such a virtual file system driver comprises function routines and file management structures, and a method for loading a view application wherein the view application provides a custom view of the defined part of the virtual file system and wherein the custom view includes custom attribute relates to the objects (col.6, lines 1-20). It would have been obvious to one of ordinary skill in the art of data processing, at the time the present invention was made to modify Chtchetkine's system, wherein the file system provided therein (see Chtchetkine's fig.2) would incorporate the use of prioritizing the custom file system in that a process manager will attempt to address requests on said custom file system prior to placing said request on said main file system, in the same conventional manner as disclosed by Chtchetkine's col.3, lines 13-49 and col.6, lines 1-20. One having ordinary skill in the

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art would have been motivated to utilize the reconfiguration of the installable file system of Chtchetkine because that would allow freer reconfiguration and allow storage and display of more file information, thereby providing flexibility in the view of objects through an operating system.

As to claim 16, Chtchetkine discloses substantially the invention as claimed. Except, Chtchetkine does not disclose the use wherein "said custom file system being positioned to have priority over said main file system, in that a process manager will attempt to address requests on said custom filesystem prior to placing said requests on said main filesystem". However, Chtchetkine recognizes that it would be difficult to reconfigure a logical driver (col.3, lines 13-15). Chtchetkine states to reconfigure such a logical driver it is important to create and install a custom file system which replaces or otherwise augments the pre-existing or native file system (col.3, lines 40-43). Chtchetkine states that such a custom file system would allow freer reconfiguration and would allow storage and display of more file information (col.3, lines 43-49). Applicant should duly note that a native file system which is a file system has a native file system driver that provides a single representation of the native file system, a method for installing a virtual file system driver in the data processing system, wherein such a virtual file system driver comprises function routines and file management structures, and a method for loading a view application wherein the view application provides a custom view of the defined part of the virtual file system and wherein the custom view includes custom attribute relates to the objects (col.6, lines 1-20). It would have been obvious to one of ordinary skill in the art of data processing, at the time the present invention was made to modify Chtchetkine's system, wherein the

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file system provided therein (see Chtchetkine's fig.2) would incorporate the use of prioritizing the custom file system in that a process manager will attempt to address requests on said custom file system prior to placing said request on said main file system, in the same conventional manner as disclosed by Chtchetkine's col.3, lines 13-49 and col.6, lines 1-20. One having ordinary skill in the art would have been motivated to utilize the reconfiguration of the installable file system of Chtchetkine because that would allow freer reconfiguration and allow storage and display of more file information, thereby providing flexibility in the view of objects through an operating system.

As to claim 17, Chtchetkine discloses substantially the invention as claimed. Chtchetkine does not disclose the use wherein "said custom file system being positioned to have priority over said main file system, in that a process manager will attempt to address requests on said custom filesystem prior to placing said requests on said main filesystem". However, Chtchetkine recognizes that it would be difficult to reconfigure a logical driver (col.3, lines 13-15). Chtchetkine states to reconfigure such a logical driver it is important to create and install a custom file system which replaces or otherwise augments the pre-existing or native file system (col.3, lines 40-43). Chtchetkine states that such a custom file system would allow freer reconfiguration and would allow storage and display of more file information (col.3, lines 43-49). Applicant should duly note that a native file system which is a file system has a native file system driver that provides a single representation of the native file system, a method for installing a virtual file system driver in the data processing system, wherein such

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a virtual file system driver comprises function routines and file management structures, and a method for loading a view application wherein the view application provides a custom view of the defined part of the virtual file system and wherein the custom view includes custom attribute relates to the objects (col.6, lines 1-20). It would have been obvious to one of ordinary skill in the art of data processing, at the time the present invention was made to modify Chtchetkine's system, wherein the file system provided therein (see Chtchetkine's fig.2) would incorporate the use of prioritizing the custom file system in that a process manager will attempt to address requests on said custom file system prior to placing said request on said main file system, in the same conventional manner as disclosed by Chtchetkine's col.3, lines 13-49 and col.6, lines 1-20. One having ordinary skill in the art would have been motivated to utilize the reconfiguration of the installable file system of Chtchetkine because that would allow freer reconfiguration and allow storage and display of more file information, thereby providing flexibility in the view of objects through an operating system.

As to claim 18, Chtchetkine discloses the claimed "loading packages onto custom pathname tree, subsequent to said step of loading a system configuration file" (col.19, lines 42-50).

As to claim 19, Chtchetkine discloses the claimed "wherein said system configuration file comprises static and dynamic system characteristics of said system" (col.3, lines 1-50).

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As to claim 20, Chtchetkine discloses the claimed “responding to a request from the system by: responding to a targeted file on the package file system being invalid by sending an error message to said end system” (col.13, line 65-col.14, line 5).

As to claim 21, Chtchetkine discloses the claimed “responding to a request from the system by: responding to the state of said targeted file not being known by updating the state of said targeted file.” (Col.13, lines 45-54).

As to claim 22, Chtchetkine discloses the claimed “responding to a command which requires modification of a file by copying said file to a spill directory tree” (col.14, lines 47-62).

As to claim 23, Chtchetkine discloses the claimed “responding to a request from the system by responding to said file having been spilled by requiring request spilled location” (col.13, lines 7-18).

As to claims 24-25, Chtchetkine discloses substantially the invention as claimed. Except, Chtchetkine does not disclose the use wherein “said custom file system being positioned to have priority over said main file system, in that a process manager will attempt to address requests on said custom filesystem prior to placing said requests on said main filesystem”. However, Chtchetkine recognizes that it would be difficult to reconfigure a logical driver (col.3, lines 13-15). Chtchetkine states to reconfigure such a logical driver it is important to create and install a custom file system which replaces or

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otherwise augments the pre-existing or native file system (col.3, lines 40-43). Chtchetkine states that such a custom file system would allow freer reconfiguration and would allow storage and display of more file information (col.3, lines 43-49). Applicant should duly note that a native file system which is a file system has a native file system driver that provides a single representation of the native file system, a method for installing a virtual file system driver in the data processing system, wherein such a virtual file system driver comprises function routines and file management structures, and a method for loading a view application wherein the view application provides a custom view of the defined part of the virtual file system and wherein the custom view includes custom attribute relates to the objects (col.6, lines 1-20). It would have been obvious to one of ordinary skill in the art of data processing, at the time the present invention was made to modify Chtchetkine's system, wherein the file system provided therein (see Chtchetkine's fig.2) would incorporate the use of prioritizing the custom file system in that a process manager will attempt to address requests on said custom file system prior to placing said request on said main file system, in the same conventional manner as disclosed by Chtchetkine's col.3, lines 13-49 and col.6, lines 1-20. One having ordinary skill in the art would have been motivated to utilize the reconfiguration of the installable file system of Chtchetkine because that would allow freer reconfiguration and allow storage and display of more file information, thereby providing flexibility in the view of objects through an operating system.

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As to claim 26, Chtchetkine discloses substantially the invention as claimed. On the other hand, Chtchetkine does not disclose the use wherein "said custom file system being positioned to have priority over said main file system, in that a process manager will attempt to address requests on said custom filesystem prior to placing said requests on said main filesystem". However, Chtchetkine recognizes that it would be difficult to reconfigure a logical driver (col.3, lines 13-15). Chtchetkine states to reconfigure such a logical driver it is important to create and install a custom file system which replaces or otherwise augments the pre-existing or native file system (col.3, lines 40-43). Chtchetkine states that such a custom file system would allow freer reconfiguration and would allow storage and display of more file information (col.3, lines 43-49). Applicant should duly note that a native file system which is a file system has a native file system driver that provides a single representation of the native file system, a method for installing a virtual file system driver in the data processing system, wherein such a virtual file system driver comprises function routines and file management structures, and a method for loading a view application wherein the view application provides a custom view of the defined part of the virtual file system and wherein the custom view includes custom attribute relates to the objects (col.6, lines 1-20). It would have been obvious to one of ordinary skill in the art of data processing, at the time the present invention was made to modify Chtchetkine's system, wherein the file system provided therein (see Chtchetkine's fig.2) would incorporate the use of prioritizing the custom file system in that a process manager will attempt to address requests on said custom file system prior to placing said request on said main file system, in the same conventional manner as disclosed by Chtchetkine's col.3, lines 13-49 and col.6, lines 1-20.

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One having ordinary skill in the art would have been motivated to utilize the reconfiguration of the installable file system of Chtchetkine because that would allow freer reconfiguration and allow storage and display of more file information, thereby providing flexibility in the view of objects through an operating system.

As to claim 27, Chtchetkine discloses substantially the invention as claimed. Except, Chtchetkine does not disclose the use wherein "said custom file system being positioned to have priority over said main file system, in that a process manager will attempt to address requests on said custom filesystem prior to placing said requests on said main filesystem". However, Chtchetkine recognizes that it would be difficult to reconfigure a logical driver (col.3, lines 13-15). Chtchetkine states to reconfigure such a logical driver it is important to create and install a custom file system which replaces or otherwise augments the pre-existing or native file system (col.3, lines 40-43). Chtchetkine states that such a custom file system would allow freer reconfiguration and would allow storage and display of more file information (col.3, lines 43-49). Applicant should duly note that a native file system which is a file system has a native file system driver that provides a single representation of the native file system, a method for installing a virtual file system driver in the data processing system, wherein such a virtual file system driver comprises function routines and file management structures, and a method for loading a view application wherein the view application provides a custom view of the defined part of the virtual file system and wherein the custom view includes custom attribute relates to the objects (col.6, lines 1-20). It would have been obvious to one of ordinary skill in the art of data

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processing, at the time the present invention was made to modify Chtchetkine's system, wherein the file system provided therein (see Chtchetkine's fig.2) would incorporate the use of prioritizing the custom file system in that a process manager will attempt to address requests on said custom file system prior to placing said request on said main file system, in the same conventional manner as disclosed by Chtchetkine's col.3, lines 13-49 and col.6, lines 1-20. One having ordinary skill in the art would have been motivated to utilize the reconfiguration of the installable file system of Chtchetkine because that would allow freer reconfiguration and allow storage and display of more file information, thereby providing flexibility in the view of objects through an operating system.

As to claim 28, the limitation of claim 28 have been noted in the rejection above. Except, Chtchetkine does not disclose the use wherein "said custom file system being positioned to have priority over said main file system, in that a process manager will attempt to address requests on said custom filesystem prior to placing said requests on said main filesystem". However, Chtchetkine recognizes that it would be difficult to reconfigure a logical driver (col.3, lines 13-15). Chtchetkine states to reconfigure such a logical driver it is important to create and install a custom file system which replaces or otherwise augments the pre-existing or native file system (col.3, lines 40-43). Chtchetkine states that such a custom file system would allow freer reconfiguration and would allow storage and display of more file information (col.3, lines 43-49). Applicant should duly note that a native file system which is a file system has a native file system driver that provides a single representation of the native file

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system, a method for installing a virtual file system driver in the data processing system, wherein such a virtual file system driver comprises function routines and file management structures, and a method for loading a view application wherein the view application provides a custom view of the defined part of the virtual file system and wherein the custom view includes custom attribute relates to the objects (col.6, lines 1-20). It would have been obvious to one of ordinary skill in the art of data processing, at the time the present invention was made to modify Chtchetkine's system, wherein the file system provided therein (see Chtchetkine's fig.2) would incorporate the use of prioritizing the custom file system in that a process manager will attempt to address requests on said custom file system prior to placing said request on said main file system, in the same conventional manner as disclosed by Chtchetkine's col.3, lines 13-49 and col.6, lines 1-20. One having ordinary skill in the art would have been motivated to utilize the reconfiguration of the installable file system of Chtchetkine because that would allow freer reconfiguration and allow storage and display of more file information, thereby providing flexibility in the view of objects through an operating system.

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Conclusion

Any inquiry concerning this communication or early communication from the Examiner should be directed to **Jean Corrielus** whose telephone number is (703) 306-3035. The Examiner can normally be reached on the weekdays from 7:00am to 5:30pm.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, **Kim Vu**, can be reached on (703)305-9343.

Any response to this action should be mailed to:

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Or: (703)746-7240 (for informal or draft communications, please label "PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to **Crystal Park II, 2021 Crystal Drive, Arlington,**

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Patent Examiner

October 28, 2003


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